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(54) Title: QUINOLINE COMPOUNDS FOR USE IN MCH RECEPTOR RELATED DISORDERS

(57) Abstract: The present invention relates to the use of quinoline compounds for the preparation of a pharmaceutical and/or a cosmetic composition for the treatment, prophylaxis and/or diagnosis of a condition caused by or involving a melanin-concentrating hormone. The invention also relates to novel quinoline compounds per se. The quinoline compounds have been found to interact with a melanin-concentrating hormone receptor, a MCH receptor. The compounds have modulating activity on the MCH receptor such as e.g. antagonistic, agonistic or allosteric activity and are useful for medicinal or cosmetic purposes such as, e.g. in the treatment or prevention of feeding disorders like obesity, metabolic syndrome, Type II diabetes, bulimia, etc. or in the treatment or prevention of depression.

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INTERNATIONAL SEARCH REPORT

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PCT/DK 03/00857

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/506 A61K31/4709

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/42026 A (CORNELIS DE JONG JOHANNES ;KODRA JANOS TIBOR (DK); PETTERSON INGRI) 20 July 2000 (2000-07-20) abstract; claims	1-145
P,X	WO 03/045313 A (CHANG LEHUA ;JIANG JINLONG (US); LIN PETER (US); CHAUNG DANNY (US)) 5 June 2003 (2003-06-05) abstract; claims	1-145
P,X	WO 03/035624 A (ISHIHARA YUJI ;KAMATA MAKOTO (JP); KATO KOKI (JP); SUZUKI NOBUHIRO) 1 May 2003 (2003-05-01) abstract; claims	1-145

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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